

PATENT CLAIMS

1. A headset (1, 10, 30) comprising a transducer (5, 12, 27), a microphone (4, 14, 29) and an ear hook (6, 23, 28) for suspending the headset (1, 10, 30) from a user's ear, c h a r a c t e r i z e d in that the transducer (5, 12, 27), the microphone (4, 14, 29) and the ear hook (6, 23, 31) are encapsulated in a housing or are integral parts of a housing.
2. A headset according to claim 1, c h a r a c t e r i z e d in that the housing is formed by two shells (2, 3) which are interconnected by a hinge (7, 8, 9).
3. A headset according to claim 2, c h a r a c t e r i z e d in that the two shells (2, 3) are connected along their outer edge with the hinge by a shaft (9) which is disposed in the same plane as the surface of the shells.
4. A headset according to claim 2, c h a r a c t e r i z e d in that the hinge (7, 8) has a shaft which is perpendicular to the surface of the shells.
5. A headset according to claims 2 – 4, c h a r a c t e r i z e d in that the transducer (5) and the ear hook (6) are arranged in the one shell (2), while the microphone (4) is arranged in the other shell (3).
6. A headset according to claim 1, wherein the microphone (14, 29) is mounted on a microphone arm (13, 26), c h a r a c t e r i z e d in that the housing is formed by a closed housing (11, 28), which has two recesses from which the ear hook (23, 31) and the microphone arm (13, 26), respectively, may be moved into or out of the housing.
7. A headset according to claim 6, c h a r a c t e r i z e d in that at least one release button (15) is arranged on the outer side of the housing (11) for

activating the movement of the ear hook (23, 31) and/or the microphone (13, 25) into or out of the housing.

5 8. A headset according to claim 7, c h a r a c t e r i z e d in that the release button (15) activates the ear hook (23, 31) and/or the microphone arm (13, 26) by means of a spring load (21).

10 9. A headset according to claim 6, c h a r a c t e r i z e d in that the microphone arm may be screwed into or out of the housing (11).

10 10. A headset according to claim 6, c h a r a c t e r i z e d in that the microphone arm is telescopic.

15 11. A headset according to claim 6, c h a r a c t e r i z e d in that the microphone arm is articulated.

20 12. A headset according to claims 1 – 11, c h a r a c t e r i z e d in that the housing (2, 3, 11, 28) is provided with a lock for locking the ear hook (6, 23, 31), the microphone (4, 14, 29) and the transducer (5, 12, 27) inside the housing.

25 13. A headset according to claim 12, c h a r a c t e r i z e d in that the lock is provided with an electrical code for activating the electrical parts of the headset.